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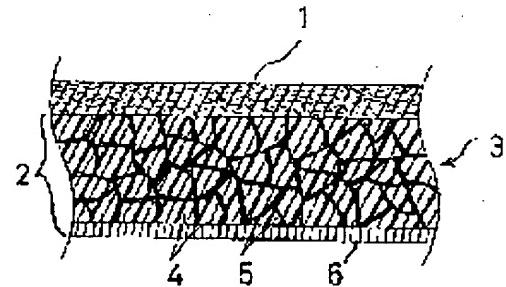
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(54) POLYURETHANE LINING MATERIAL FOR CARPET AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To provide a polyurethane lining material for carpets which is inexpensive and is excellent in durability, thickness accuracy, etc., by reutilizing a soft polyurethane foam which is industrial waste and a process for producing such lining material.

CONSTITUTION: This polyurethane lining material 2 for carpets consists of a polyurethane elastic material 3 and a non-woven fabric 6 as a reinforcing layer integrally joined to one surface thereof. A carpet fabric 1 is joined to the front surface of this lining material 2, by which the carpet is obtd. The polyurethane elastic material 3 is formed by bonding and solidifying raw materials mainly composed of urethane chips 4 formed by crushing the soft polyurethane foams by a urethane binder 5, then compressing and thermally fixing such solidified matter. The elastic material is so formed that its breaking strength measured by a prescribed measurement method is $\geq 0.5\text{kg}/\text{m}$ and that the thickness accuracy of the lining material 2 is below the prescribed thickness of $\pm 0.5\text{mm}$.



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